

Applicant : Kevin G. Jiang
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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-17. (cancelled)

18. (previously presented) A method for inserting a disk drive into a peripheral bay chassis comprising:

receiving the disk drive into a base of a disk drive carrier, said base having an uppermost surface and being rotatably attached to a latching mechanism, wherein a lever can rotate between an open position and a closed position, said lever having comprising a lower engagement point and an upper engagement point;

inserting the carrier into a peripheral bay chassis slot while the lever is in an open position; and

securing the carrier to the peripheral bay chassis by rotating the lever to the closed position to extend the upper engagement point beyond the uppermost surface of the base and engage the peripheral bay chassis and to extend the lower engagement point to engage the peripheral bay chassis.

19. (previously presented) The method of claim 18 wherein the disk drive carrier is a first disk drive carrier and with the additional step of further comprising contacting an adjacent disk drive carrier with at least one electrically conductive

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finger clip electrically connected to the first disk drive carrier prior to engagement of a high speed back plane with a disk drive connector electrically connected to the disk drive.

20. (previously presented) The method of claim 18 with the additional step of further comprising depressing a release tab disposed on the latching mechanism prior to rotating the lever into the closed position and releasing the release tab after engaging the lower engagement point.

21. (previously presented) A method for inserting a disk drive into a peripheral bay chassis comprising:

receiving the disk drive into a base of a first disk drive carrier, said base having an uppermost surface and being rotatably attached to a latching mechanism, wherein a lever can rotate between an open position and a closed position, said lever comprising a lower engagement point and an upper engagement point;

inserting the carrier into a peripheral bay chassis slot while the lever is in an open position;

depressing a release tab prior to rotating the lever into the closed position;

securing the carrier to the peripheral bay chassis by rotating the lever to the closed position to extend the upper engagement point beyond the uppermost surface of the base and engage the peripheral bay chassis and to extend the lower engagement point to engage the peripheral bay chassis;

releasing the release tab after engaging the lower engagement point; and

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contacting a second disk drive carrier adjacent to the first disk drive carrier with at least one electrically conductive finger clip electrically connected to the first disk drive carrier prior to engagement of a high speed back plane with a disk drive connector electrically connected to the disk drive.

22. (new) A method for inserting a disk drive into a peripheral bay chassis comprising:

receiving the disk drive into a base of a first disk drive carrier, said base having an uppermost surface and being rotatably attached to a latching mechanism, wherein a lever can rotate between an open position and a closed position, said lever having comprising a lower engagement point and an upper engagement point;

inserting the first disk drive carrier into a peripheral bay chassis slot while the lever is in an open position;

securing the first disk drive carrier to the peripheral bay chassis by rotating the lever to the closed position to extend the upper engagement point beyond the uppermost surface of the base and engage the peripheral bay chassis and to extend the lower engagement point to engage the peripheral bay chassis; and

contacting a second disk drive carrier adjacent to the first disk drive carrier with at least one electrically conductive finger clip electrically connected to the first disk drive carrier prior to engagement of a high speed back plane with a disk drive connector electrically connected to the disk drive.